LAPUA GARTRIDGES



LAPUAN PATRUUNATEHDAS, LAPUA,

FINLAND



										RIFL	E C	ART	RIDG	iES														
		(Bullet	t weight		Pac	cking			Ve	elocity m	ı/s		7			Er	nergy (kpr	m)				Trajectory drop (cm)					
Cartridge	American designation	Bullet	g	grs	Code	Box	Case	Muzzle	50 m	100 m	150 m	200 m	250 m	300 m	Muzzle	50 m	100 m	150 m	200 m	250 m	300 m	50 m	100 m	150 m	200 m	250 m	300 m	Pressure kp/cm ²
5,6 × 39		Full jacket	2,75	42	S 335	20	1000	1100							170													2650
6,5 × 52 R	25—35 W	Soft pointed	5,65	87	E 291	20	1000	685	615	550	487	428	375	328	138	111	89	70	54	41	32	3,0	12,8	31,0	59,8	101,5	160,2	2050
6,5 × 52 R	25—35 W	Full jacket	5,65	87	F 292	20	1000	685	621	560	502	447	396	349	138	113	92	74	59	46	36	3,0	13,0	31,0	58,6	98,5	153,9	2100
6,5 × 52 R	25—35 W	Full jacket	5,65	87	F 292	20	1000	790	712	638	568	502	439	382	183	149	120	95	74	57	43	2,4	10,1	24,0	45,8		Control of the last	2100
6,5 × 55	6,5 Swedish	Full jacket	10,1	155	R 293	20	1000	705	671	637	605	574	543	513	258	234	211	190	171	153	137	2,6	11,1	25,5	46,8	75,5	112,2	2750
7 × 53 R		Full jacket	6,0	93	R 318	20	1000	945	845	748	655	569	488	413	273	218	171	131	99	73	52	1,6	6,5	16,2	31,4	54,5	87,6	2000
7 × 54		Full jacket	6,0	93	R 318	20	1000	940	843	749	658	574	495	421	270	217	172	132	101	75	54	1,6	7,1	17,1	33,0	56,0	89,4	2550
7 × 57	7 mm Mauser	Soft pointed	11,2	170	E 295	20	1000	720	673	628	585	543	502	463	296	259	225	195	168	144	122	2,6	10,8	25,5	47,0	77,2	117,0	3100
7,62 × 39 short		Full jacket	8,0	123	S 309	20	1000	725	675	627	581	536	493	452	214	186	160	138	117	99	83	2,6	11,1	28,1	48,4	79,2	120,0	2850
7,62 × 51	.308 W	Full jacket	9,7	150	B 334	20	1000	875	837	800	763	726	691	656	378	346	316	288	260	236	213	1,6	6,7	15,4	28,4	45,0	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner,	3250
7,62 × 51	.308 W	Full jacket	12,0	185	D 46	20	1000	760	731	703	674	647	620	594	353	327	302	278	256	235	216	2,4	9,8	22,4	40,4	64,5	-	3300
7,62 × 53 R	7,62 Russian	Soft pointed	11,3	175	E 314	20	1000	760	732	705	678	652	626	601	333	309	286	265	245	225	208	2,2	9,5	22,0	39,8	63,5		2800
		Full jacket	13,0	200	D 166	15	600	710	684	658	633	609	585	562	334	310	287	266	246	227	209	2,7	11,0	25,4	45,8	72,8	I Common to the	2900
		» »	10,8	165	S 283	15	600	770	740	711	682	653	626	599	326	301	278	256	235	216	197	2,2	9,3	21,4	39,0	62,5	11	2700
		» »	10,8	165	S 284	15	600	770	742	714	686	659	633	607	326	303	280	259	239	220	203	2,2	9,3	21,4	39,0	62,0		2700
		» »	12,0	185	D 46	20	1000	760	731	703	674	647	620	594	353	327	302	278	256	235	216	2,4	9,8	22,4	40,4	64,5		2900
		» »	12,0	185	D 46	20	1000	780	752	725	697	671	644	619	372	346	321	297	275	254	234	2,2	9,3	21,2	38,2	60,8	Name and Address of the Owner, where the Owner, which is the Own	3200
		» »	12,0	185	D 47	20	1000	760	731	703	674	647	620	594	353	327	302	278	256	235	216	2,4	9,8	22,4	40,4	64,5	94,5	2900
		» »	12,0	185	D 47	20	1000	780	752	725	697	671	644	619	372	346	321	297	275	254	234	2,2	9,3	21,2	38,2	60,8	-	3200
8,2 × 57	8 × 57 JS	Soft pointed	12,7	195	E 297	20	1000	715	659	605	554	505	458	413	331	281	237	199	165	136	110	2,6	11,0	26,2	49,4	-	120,3	2650
8,2 × 53 R		Soft pointed	12,7	195	E 297	20	1000	700	645	593	543	494	448	404	317	269	228	191	158	130	106	2,9	12,1	28,6	53,8		135,9	2350

	.22 RII	MFIR	EA	MM	UNI	ΓΙΟΝ	١						
Cartridge	Bullet	Bullet	weight	Paci	king	Ve	elocity n	n/s	Ene	ergy (kp	om)	Drop	(cm)
Cartriage	Bullet	g	grs	Box	Case	0 m	50 m	100 m	0 m	50 m	100 m	50 m	100 m
Long rifle cal.22 Championship	Lead, roundnose	2,69	42	50/500	10000	345	304	279	16,3	12,7	10,7	11,4	49,3
Long rifle cal. 22 Matchgrade	Lead, roundnose	2,59	40	50/500	10000	340	305	283	15,3	12,3	10,6	11,6	49,4
Long rifle cal. 22 Hollow Point	Lead, hollow point	2,35	36	50/500	10000	410	340	296	20,2	13,9	10,5	8,3	37,9
Short cal. 22	Lead, roundnose	1,80	28	50/500	10000	290	257	228	7,7	6,1	4,8	15,8	69,0
Short Indoor cal. 22	Lead, roundnose	1,80	28	50/500	10000	250	225	203	5,7	4,6	3,8	21,0	90,6

	PI	STOL AND REVO	DLVER C	ARTI	RIDG	ES			
Cartridg	e	2.00	Bullet	Bullet weight			Muzzle Velocity	Muzzle Energy	
European designation	American designation	Bullet	g	grs	Box	Case	m/s	kpm	
6,35 Browning	.25 Auto	Full jacket	3,25	50	25	5000	209	7,2	
7,65 Browning	.32 Auto	Full jacket	4,8	75	25	5000	256	16,0	
7,65 Parabellum	.30 Luger	Full jacket	6,0	93	25	5000	403	49,7	
9,0 Browning short	.380 Auto	Full jacket	6,1	95	25	5000	267	22,2	
9,0 Parabellum	9 mm Luger	Full jacket	7,5	115	25	5000	300	34,4	
.38 Special	. 38 Special	Lead, wad cutter	9,95	148	50	2000	240	29,2	



Lapuan Patruunatehdas programme also includes 22 calibre slaughtering and plug pistol cartridges and 6,3 × 16. cal. plug pistol cartridges of various strengths.

The world championship cartridges

Lapuan Patruunatehdas has impressive traditions as a manufacturer of precision cartridges for competitions, practice and hunting. The first world championship was won in 1930. Since then, the honours in the following list offer distinguished proof of the success of this Finnish product. Lapua cartridges are products which have shown how well they can compete on world markets, too. Their top-quality materials, scrupulous manufacture and ultramodern technology form the basis on which their reputation in Finland and abroad has developed.

LAPUA GARTRIDGES

## English match 30 + 30 shots 593 391	SMALL-BORE RIFLE CARTRIDGE 22 CAL. World championships		
1956 Melbourne			
1960 Rome 1964 Tokyo 1964 Shots, standing 1964 Tokyo 1964 Tokyo 1964 Shots, standing 1965 Moscow 1965 Tokyo 1966 Tokyo 1964 Tokyo 1966 Tokyo 1966 Tokyo 1966 Tokyo 1967 Tokyo 1966 Tokyo 1967 Tokyo 1967 Tokyo 1966 Tokyo 1967 Tokyo 1966 Tokyo 1967 Tokyo 1967 Tokyo 1967 Tokyo 1967 Tokyo 1967 Tokyo 1966 T	Olympic Gold Medals		
1964 Tokyo			
### Tokyo Olympic rapid-fire pistol. Page Page		Olympic rapid-fire pistol, silver Medal	
European Championships 1956 Helsinki Olympic rapid-fire pistol, team champ. RREE RIFLE CARTR. 7.62 × 53 R, D-46 World championships 1930 Antwerp 40 shots, prone 389 1931 Lwow 40 shots, standing 40 shots, prone 393 1933 Granada 40 shots, prone 393 1935 Rome Argentina Statuette, team win 40 shots, standing 362 40 shots, standing 362 40 shots, standing 362 40 shots, prone 391 1947 Stockholm 3 × 40 shots 1116 1949 Buenos Aires Argentina Statuette, team win 5512 3 × 40 shots 1116 1952 Oslo 40 shots, kneeling 375 1952 Oslo 40 shots, kneeling 381 40 shots, kneeling 381 1937 Helsinki Argentina Statuette, team win 384 40 shots, kneeling 375 1952 Oslo 40 shots, kneeling 385 1956 Moscow Stornian marksmen won the following world championships with Lapua cartridges: 1937 Helsinki Argentina Statuette, team win 5526 3 × 40 shots 1124 40 shots, kneeling 381 1939 Lucerne Argentina Statuette, team win 5526 3 × 40 shots 1124 40 shots, kneeling 381 1939 Lucerne Argentina Statuette, team win 5526 3 × 40 shots 1124 40 shots, kneeling 381 1939 Lucerne Argentina Statuette, team win 5536 3 × 40 shots 1124 50 shots, kneeling 387 558EVICE RIFLE CARTRIDGE Finnish marksmen 1937 Helsinki 3 × 20 shots 50 shots, prone 188			
1956 Helsinki Olympic rapid-fire pistol, team champ. 2867/30 FREE RIFLE CARTR. 7.62 × 53 R, D-46 World championships 1930 Antwerp	1964 Tokyo	Olympic rapid-fire pistol.	592/60
### FREE RIFLE CARTR. 7.62 × 53 R, D-46 World championships	European Championships		
## 1930 Antwerp ## 40 shots, prone ## 389	1956 Helsinki	Olympic rapid-fire pistol, team champ.	2867/30
1930 Antwerp	FREE RIFLE CARTR. 7.62 × 53 R, D-46		
1930 Antwerp	World championships		
3 x 40 shots		40 shots, prone	389
1931 Lwow 1933 Granada 1935 Rome Argentina Statuette, team win 1937 Helsinki 40 shots, prone 40 shots 40 shots 40 shots 40 shots 40 shots 40 shots 40 shots, prone 362 40 shots, prone 391 1947 Stockholm 3 x 40 shots 1116 1949 Buenos Aires Argentina Statuette, team win 195512 3 x 40 shots 1118 40 shots, standing 364 40 shots, standing 364 40 shots, standing 365 1952 Oslo 40 shots, kneeling 375 1952 Oslo 40 shots, kneeling 381 40 shots, prone 392 1956 Moscow 3 x 40 shots 1136 Estonian marksmen won the following world championships with Lapua cartridges: 1937 Helsinki Argentina Statuette, team win 1939 Lucerne Argentina Statuette, team win 1949 Statuette 40 shots, kneeling 381 40 shots 1939 Lucerne Argentina Statuette, team win 1949 Statuette 40 shots, kneeling 381 40 shots 1939 Lucerne Argentina Statuette, team win 1949 Statuette 40 shots 3 x 40 shots 1124 40 shots 3 x 40 shots 1136 1939 Lucerne 1937 Helsinki 3 x 20 shots 3 x 20 shots 1530 20 shots, prone 188		3 × 40 shots	1111
1933 Granada 40 shots, prone 388 1935 Rome Argentina Statuette, team win 5488 1937 Helsinki 40 shots, standing 362 40 shots, prone 391 1947 Stockholm 3 × 40 shots 1116 1949 Buenos Aires Argentina Statuette, team win 5512 3 × 40 shots 1116 40 shots, standing 364 40 shots, standing 364 40 shots, standing 364 40 shots, standing 375 1952 Oslo 40 shots, kneeling 375 1956 Moscow 3 × 40 shots 1136 Estonian marksmen won the following world championships 1937 Helsinki Argentina Statuette, team win 5526 3 × 40 shots 1136 5526 3 × 40 shots 1124 40 shots, kneeling 381 1939 Lucerne Argentina Statuette, team win 5433 3 × 40 shots 1124 40 shots, kneeling 381 1939 Lucerne Argentina Statuette, team win 5433 3 × 40 shots 1106 40 shots 1530 20 shots, prone 188		40 shots, standing	359
1935 Rome	1931 Lwow	40 shots, prone	393
1935 Rome	1933 Granada		388
1937 Helsinki	1935 Rome		5488
1947 Stockholm			1111
1947 Stockholm	1937 Helsinki	40 shots, standing	362
1947 Stockholm 3 × 40 shots 1116 1949 Buenos Aires Argentina Statuette, team win 5512 3 × 40 shots 1118 40 shots, standing 364 40 shots, kneeling 375 1952 Oslo 40 shots, kneeling 381 40 shots, prone 392 1956 Moscow 3 × 40 shots 1136 Estonian marksmen won the following world championships with Lapua cartridges: 1136 1937 Helsinki Argentina Statuette, team win 5526 3 × 40 shots 1124 40 shots, kneeling 381 1939 Lucerne Argentina Statuette, team win 5433 3 × 40 shots 1106 40 shots 379 SERVICE RIFLE CARTRIDGE Finnish marksmen 1937 Helsinki 3 × 20 shots 1530 20 shots, prone 188			391
3 x 40 shots	1947 Stockholm		1116
3 × 40 shots 40 shots, standing 40 shots, kneeling 375 1952 Oslo 40 shots, kneeling 381 40 shots, prone 392 1956 Moscow 1956 Moscow 40 shots, prone 392 3 × 40 shots 40 shots, kneeling 3 × 40 shots 40 shots, kneeling 3 × 40 shots 40 shots, kneeling 381 40 shots 3 × 40 shots 40 shots 3 × 40 shots 3 × 40 shots 3 × 40 shots 1106 40 shots 1530 20 shots, prone	1949 Buenos Aires	Argentina Statuette, team win	5512
40 shots, kneeling 375 40 shots, kneeling 381 40 shots, prone 392 1956 Moscow 3 × 40 shots 1136 Estonian marksmen won the following world championships with Lapua cartridges: 1937 Helsinki Argentina Statuette, team win 5526 3 × 40 shots 1124 40 shots, kneeling 381 1939 Lucerne Argentina Statuette, team win 5433 3 × 40 shots 1106 40 shots 379 106 10			1118
40 shots, kneeling 375 40 shots, kneeling 381 40 shots, prone 392 392 1956 Moscow 3 x 40 shots 1136 Estonian marksmen won the following world championships with Lapua cartridges:		40 shots, standing	364
1952 Oslo 40 shots, kneeling 40 shots, prone 392 1956 Moscow 3 × 40 shots Estonian marksmen won the following world championships with Lapua cartridges: 1937 Helsinki Argentina Statuette, team win 5526 3 × 40 shots 40 shots, kneeling 381 40 shots, kneeling 381 40 shots 40 shots, kneeling 381 3 × 40 shots 3 × 40 shots 40 shots 40 shots 40 shots 40 shots			375
40 shots, prone 392 3 × 40 shots 1136	1952 Oslo		381
1956 Moscow Estonian marksmen won the following world championships with Lapua cartridges: 1937 Helsinki Argentina Statuette, team win 3 × 40 shots 40 shots, kneeling Argentina Statuette, team win 5526 3 × 40 shots 40 shots, kneeling 381 Argentina Statuette, team win 5433 3 × 40 shots 1106 40 shots 5ERVICE RIFLE CARTRIDGE Finnish marksmen 1937 Helsinki 3 × 20 shots 20 shots, prone 188			392
Estonian marksmen won the following world championships with Lapua cartridges: 1937 Helsinki Argentina Statuette, team win 3 × 40 shots 40 shots, kneeling Argentina Statuette, team win 5433 3 × 40 shots 1106 40 shots 1106 5526 3 × 40 shots 1106 5433 3 × 40 shots 1106 5433 3 × 40 shots 1106 5433 3 × 40 shots 1106 5530 556671CE RIFLE CARTRIDGE Finnish marksmen 1937 Helsinki 3 × 20 shots 20 shots, prone 188	1956 Moscow		1136
1937 Helsinki Argentina Statuette, team win 5526 3 × 40 shots 1124 40 shots, kneeling 381 1939 Lucerne Argentina Statuette, team win 5433 3 × 40 shots 1106 40 shots 379 SERVICE RIFLE CARTRIDGE Finnish marksmen 1937 Helsinki 3 × 20 shots 1530 20 shots, prone 188		pionships with Lapua cartridges:	
3 × 40 shots 40 shots, kneeling 381 Argentina Statuette, team win 3 × 40 shots 4 × 40 shots 5 × 40 shots 6 × 40 shots 6 × 40 shots 7 × 40 shots 7 × 40 shots 7 × 40 shots 7 × 40 shots 8 ×			5526
1939 Lucerne Argentina Statuette, team win 5433 3 × 40 shots 1106 40 shots 379 SERVICE RIFLE CARTRIDGE Finnish marksmen 1937 Helsinki 3 × 20 shots 20 shots, prone 188			1124
1939 Lucerne Argentina Statuette, team win 5433 3 × 40 shots 1106 40 shots 379 SERVICE RIFLE CARTRIDGE Finnish marksmen 1937 Helsinki 3 × 20 shots 1530 20 shots, prone 188		40 shots, kneeling	381
3 × 40 shots 1106 40 shots 379 SERVICE RIFLE CARTRIDGE Finnish marksmen 1937 Helsinki 3 × 20 shots 1530 20 shots, prone 188	1939 Lucerne		
SERVICE RIFLE CARTRIDGE Finnish marksmen 1937 Helsinki 3 × 20 shots 1530 20 shots, prone 188			
Finnish marksmen 1937 Helsinki 3 × 20 shots 1530 20 shots, prone 188			
20 shots, prone	SERVICE RIFLE CARTRIDGE		
20 shots, prone	Finnish marksmen 1937 Helsinki	3 × 20 shots	1530
	Estonian marksmen 1937 Helsinki	20 shots, standing	172